Avocent

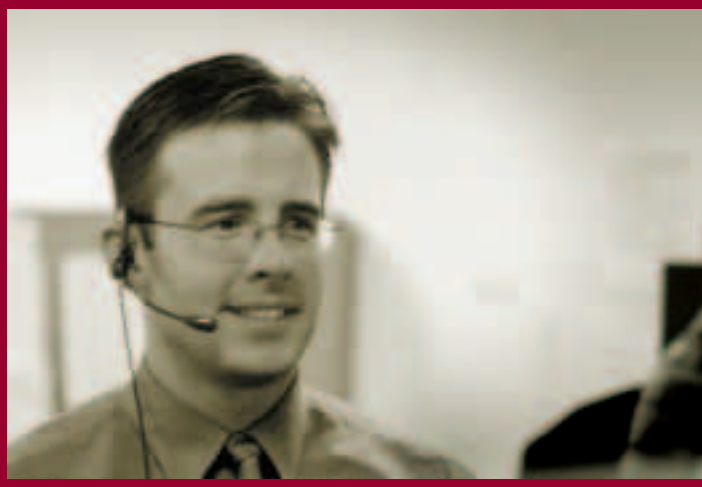
The Power of Being There®

AMX

Smarter, Simpler Multi-User KVM Switching

AMX5000 • AMX5010 • AMX5100 • AMX5120 • AMIQ • AMWorks

For years Avocent has built KVM switching solutions that help many of the world's most successful companies reduce the complexities of growing IT infrastructures. Avocent's field proven KVM switching and connectivity solutions provide smarter access and simpler manageability for "real world" IT environments. Our advanced KVM switching technologies continue to provide the solutions and the reliability you've come to expect from the industry leader.

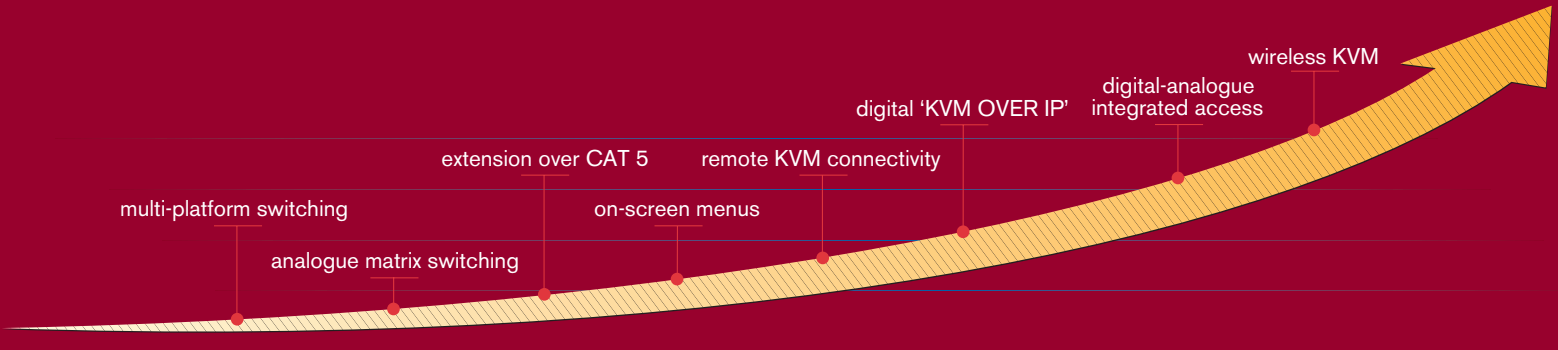


KVM Brief

KVM stands for Keyboard, Video and Mouse. A KVM solution allows multiple sets of keyboards, monitors and mice to be replaced with a single set of control peripherals. KVM technology provides easy access and control to any connected device.

OUR HISTORY OF

innovations



smarter

SWITCHING SOLUTIONS

AMX

The AMX advances Avocent's field proven technology and market leadership in analogue matrix design by providing smarter KVM switching solutions. The AMX delivers powerful analogue matrix switching, simple installation and advanced administrative tools to help network administrators efficiently manage their IT environment.

Designed to support growing server installations, this analogue matrix solution brings switching intelligence and flexibility to your network. With this smart solution, IT managers easily reduce installation time and expense while increasing network manageability.

The AMX supports multi-user, multi-platform, multi-rack server environments and provides end-to-end CAT 5 connectivity for access from the desk to the server. The AMX includes the AMX5000 and AMX5010 analogue matrix switches, the AMIQ CAT 5 server interface module, the AMX5100 and AMX5120 user stations and the AMWorks advanced system administrative software tool.

SPECIFICATIONS

MECHANICAL	Height	Width	Depth	Weight
AMX5000 Matrix Switch:	1.7" (4.3 cm)	17.2" (43.2 cm)	11.1" (28.1 cm)	9.3 lbs (3.7 kg)
AMX5010 Matrix Switch:	3.4" (8.6 cm)	17.2" (43.2 cm)	11.1" (28.1 cm)	16 lbs (7.27 kg)
AMIQ-PS2 Server Interface Module:	0.8" (2.0 cm)	2.4" (6.1 cm)	14.1" (36.0 cm)	0.8 lbs (0.3 kg)
AMIQ-USB Server Interface Module:	0.8" (2.0 cm)	2.4" (6.1 cm)	14.1" (36.0 cm)	0.8 lbs (0.3 kg)
AMIQ-VSN Server Interface Module:	0.8" (2.0 cm)	2.4" (6.1 cm)	14.1" (36.0 cm)	0.8 lbs (0.3 kg)
AMIQ-WSN Server Interface Module:	0.8" (2.0 cm)	2.4" (6.1 cm)	14.1" (36.0 cm)	0.8 lbs (0.3 kg)
AMX5100 & AMX5120 User Stations:	1.74" (4.4 cm)	10.9" (27.9 cm)	11.5" (29.2 cm)	5 lbs (2.0 kg)

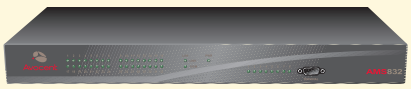
ENVIRONMENTAL / POWER / HARDWARE	
Operating Temperature	32° (0°C) to 122° (50°C)
Storage Temperature	-4° (-20°C) to 122° (50°C)
Power Requirements	100 - 240 VAC, 50 - 60 Hz
Supported Hardware - Computer	**AMIQ-PS2 Cable Interface:** IBM PC/AT, PS/2 and 100% compatibles
Supported Hardware - Video Modes	VGA, SVGA, XGA, SXGA, up to 1600 x 1200 @ 75 Hz resolution
Supported Hardware - Peripherals	**AMX5100 & AMX5120 User Stations:** PS/2 keyboard, PS/2 mouse, IntelliMouse (PS/2 only), Sun Type 5 and Type 6
Supported Cable Types	Unshielded twisted pair, including CAT 5, CAT 5e, CAT 6
Warranty	Two Years

ORDERING INFORMATION	
AMX5000-EU	8 output ports, 32 input ports, rack mount switch
AMX5010-EU	16 output ports, 64 input ports, rack mount switch
AMIQ-PS2	Server Interface Module, VGA, PS/2 keyboard, PS/2 mouse
AMIQ-USB	Server Interface Module, USB keyboard/mouse
AMIQ-VSN	Server Interface Module, Sun keyboard/mouse
AMIQ-WSN	Server Interface Module, 13W3, Sun keyboard/mouse
AMIQ-SRL	Server Interface Module, VT100 serial-based devices
AMX5100-EU	Single user, CAT 5 connection, desktop user station
AMX5120-EU	Single user CAT 5 connection, desktop user station with local PC port
AMWorks	System administration software included
UPD-EU	Power supply for serial IQ

flexible

SWITCHING SOLUTIONS

AMX5000, **AMX**5010, **AMIQ** & **AM**Works



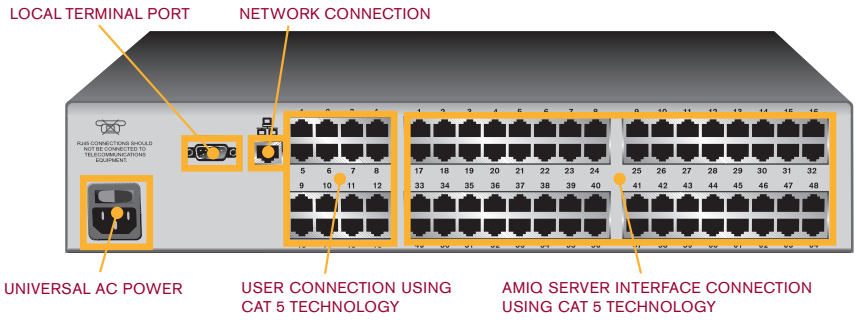
Built on Avocent's superior analogue switching technology, the AMX5000 and AMX5010 matrix switches are particularly effective in evolving server installations. The AMX's highly scalable architecture easily accommodates additional servers and users in growing network infrastructures. This matrix switch allows access from a single point or simultaneous access for up to 16 users throughout the data centre.

The AMIQ enhanced CAT 5 server interface module is the new choice for flexibility and performance in robust IT environments. The CAT 5 design and video technology eliminates bulky cabling connections and delivers real-time, high bandwidth video for KVM switching up to 1,000 feet away from the server. The AMIQ's built-in memory eases configuration by assigning and retaining unique server identification codes for each attached server. This cable intelligence enhances security and prevents unauthorised access to a server through cable manipulation.

AMX features the patented OSCAR® on-screen management tool, which lets you conveniently switch between connected devices. If you require centralised administration of the AMX, AMWorks management software is included free with each switch. The AMWorks Java-based system administration tool supports customised user profiles and multi-level security. The AMWorks allows system administrators to build a user database with assigned access and password protection for each server. Administrators can view all activities that take place on the KVM system, including user login, switches made to servers and changes made to the system connections or setup. The database is centrally stored and can be downloaded to the switch via the network connection port available on all AMX5000 and AMX5010 units.

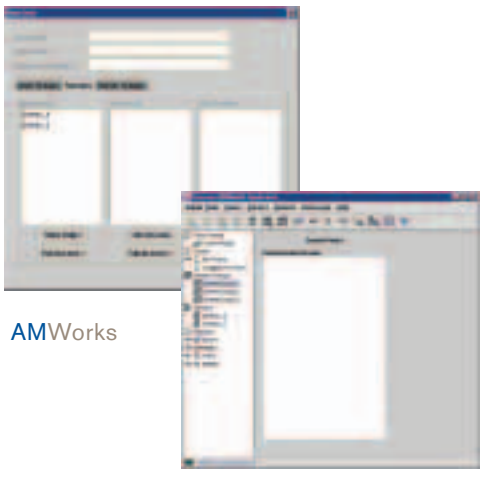
Avocent's advanced switching solution provides the best combination of flexibility and performance in today's IT environment.

RELIABLE TECHNOLOGY, ADVANCED DESIGN


LOCAL TERMINAL PORT
NETWORK CONNECTION
UNIVERSAL AC POWER
USER CONNECTION USING CAT 5 TECHNOLOGY
AMIQ SERVER INTERFACE CONNECTION USING CAT 5 TECHNOLOGY

FEATURES & BENEFITS

- Access – Full non-blocked access for AMX5000 and AMX5010:
  AMX5000 supports 8 users and 32 servers;
  AMX5010 supports 16 users and 64 servers
- Expandability/Scalability – Architecture makes it easy to add and support more servers
- Connectivity – End-to-end UTP cable, including CAT 5, CAT 5e, CAT 6
- AMIQ Server Interface Module – Assigns and stores unique server identification code for easier configuration and enhanced security
- Multi-platform – PS/2, USB, Sun server support and VT100 serial-based devices
- Keep Alive – Allows attached servers to continue operating in the event of power failure to the switch
- Flash Upgrade – Simultaneous flash updates for all connected devices
- AMWorks – Advanced Java-based system administration tool
- Event Log – AMWorks tool used to maintain a record of user logins and switching activity

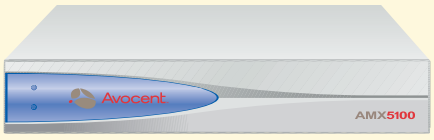


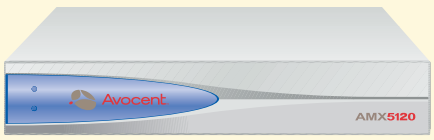
AMWorks

simpler

SWITCHING SOLUTIONS

AMX5100 & AMX5120



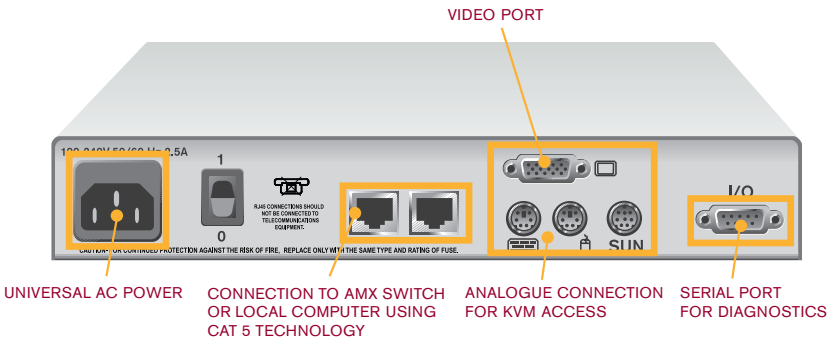


The AMX5100 and AMX5120 user stations simplify access at the desk by increasing user control and delivering optimal real-time video to the user's desk. The AMX5120 provides access from the desk to one matrix switch and one local computer. The user stations connect to the user's multi-platform KVM peripherals and sends the KVM signals over an industry standard UTP cable to Avocent's AMX5000 and AMX5010 analogue matrix switches. This UTP connectivity and analogue switching technology provide multi-user access and control to any server in your network. The user stations' design automatically compensates for varying cable types and lengths and adjusts for signal losses each time a switch is made to the server.

The user stations work with the patented OSCAR interface. OSCAR uses multi-lingual, intuitive menus for point and click system configuration and server selection. This full system management tool supports switching in share, private and scan modes.

Avocent's solutions address the challenges facing "real world" IT environments. Our solutions provide simpler network manageability.

MAXIMUM PERFORMANCE FOR "REAL WORLD" IT ENVIRONMENTS



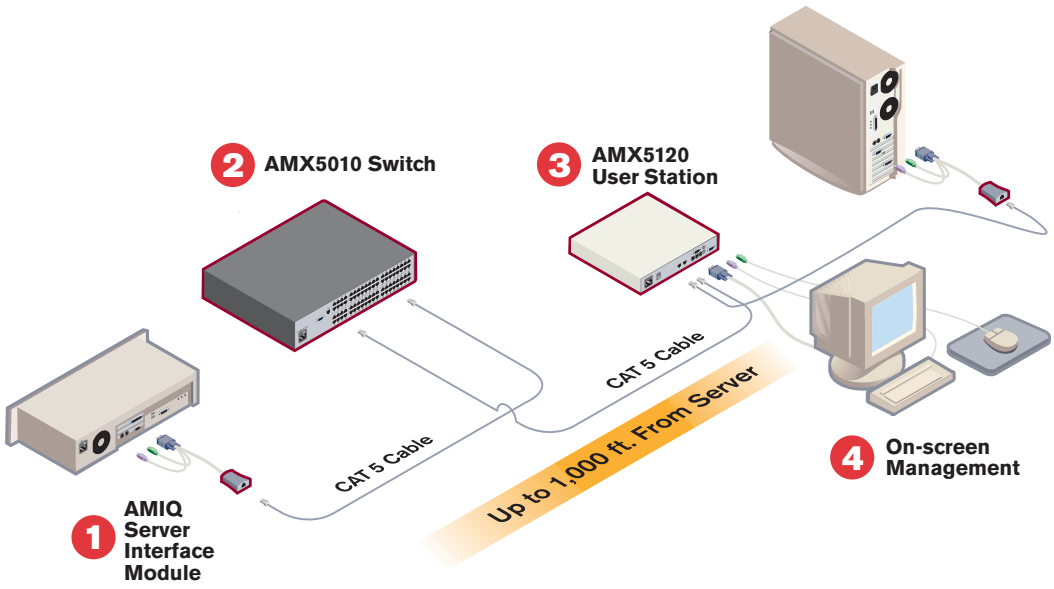
FEATURES & BENEFITS

- Video Display – Optimal video resolutions up to 1280 x 1024 at 1,000 feet
- Connectivity – End-to-end UTP cable, including CAT 5, CAT 5e, CAT 6
- Compact Design – Doubles as a monitor stand with zero footprint on the desk
- Multi-platform – Supports PS/2, Sun and USB peripherals
- On-screen Management – Point and click intuitive menus with multi-lingual support
- Flash Upgrade – Simultaneous flash updates for all connected devices
- High Quality Video – Automatically compensates for varying cable types and lengths and adjusts for signal losses each time a switch is made to a server
- Local PC Access – AMX5120 allows a local computer to be used for the same AMX user interface

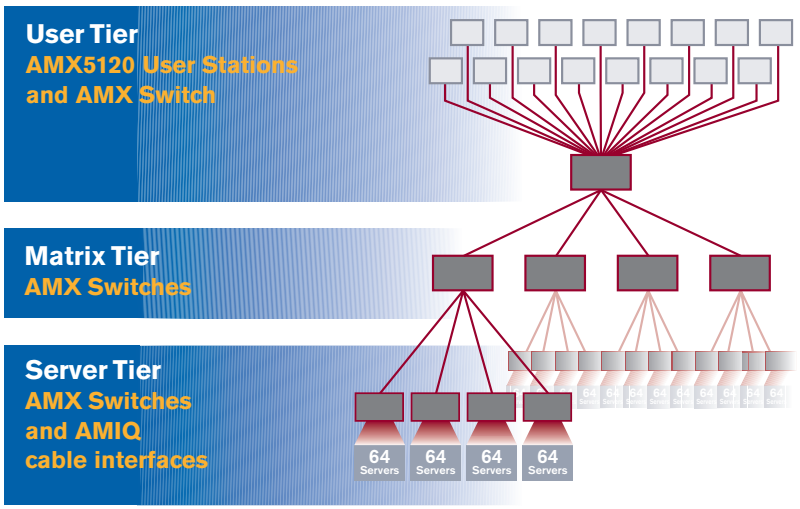
OSCAR

easy INSTALLATION

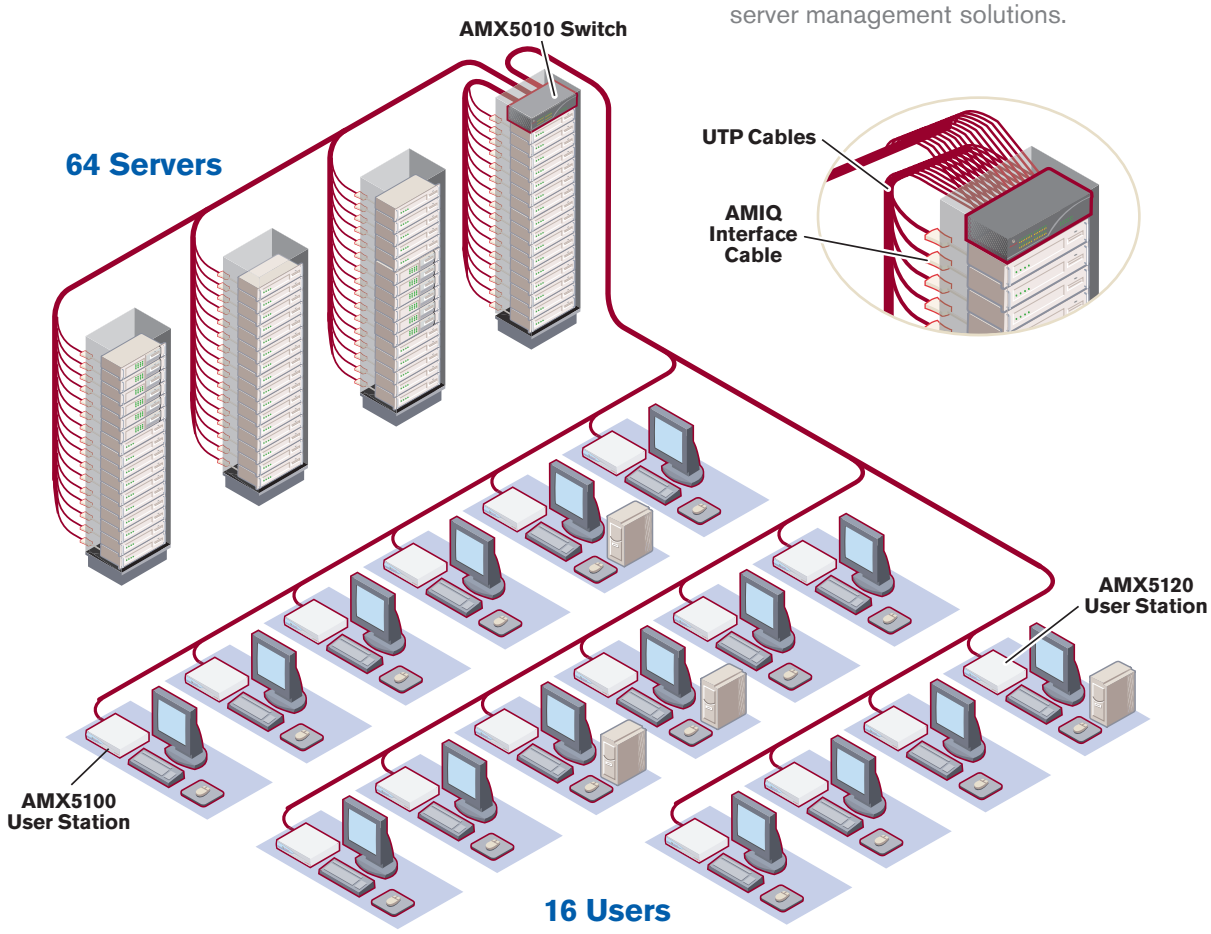
1. Connect the **AMIQ CAT 5 server interface module** to the appropriate ports on the target **server**.
2. Connect the **AMIQ CAT5 cable interface** to one of the 64 server ports on the rear of **AMX5010 matrix switch** using CAT 5 cabling.
3. Connect the **AMX5010 matrix switch** to the user connection on the rear of **AMX5120 user station** using CAT 5 cabling.
4. Connect the **user's KVM peripherals** to the KVM ports on the rear of the **AMX5120 user station**.



Expand above 64 servers by tiering AMX appliances using standard UTP connections. Using tiering it is possible to expand up to 4,096 servers.



Avocent's reliable, proven technologies offer smarter, simpler server management solutions.



- END-TO-END CAT 5 CONNECTIONS
- MULTI-USER, MULTI-RACK, MULTI-PLATFORM ACCESS
- REDUCED CABLE BULK
- REAL-TIME, HIGH BANDWIDTH VIDEO
- PATENTED ON-SCREEN MANAGEMENT
- CONVENIENT SYSTEM ADMINISTRATION
- EASY INSTALLATION
- EASILY EXPANDS

simple
EXPANDABILITY

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